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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/257,638 02/25/99 GRZIBEK R PHD-98.014

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WM02/1022

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EXAMINER

DESIR, J

ART UNIT	PAPER NUMBER
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2614

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DATE MAILED: 10/22/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/257,638

Applicant(s)

GRZIBEK, ROLF

Examiner

Jean W. Désir

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 February 1999.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 February 1999 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Specification

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

Drawings

2. The drawings are objected to because Figs. 1 and 2 should be clearly labeled with legend as required by 37 CFR 1.84 (o). Correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-8 are rejected under 35 U.S.C. 102(b) as being anticipated by Bhatt (5,610,661).

Claim 1:

Bhatt discloses:

An arrangement for processing video signals provided as interlaced video signals generated in the interlaced scanning mode, in which two fields constitute one frame, and/or as pseudo-interlaced video signals derived from non-interlaced video signals

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obtained by means of progressive scanning (see Fig. 2, Fig. 1 items 14, 36 which disclosed this arrangement), characterized in that at least one video signal-processing unit (see Fig. 2, Fig. 1 items 14, 36) is provided which receives at least an interlaced video signal or at least a pseudo-interlaced video signal and processes these video signals in dependence upon control data generated by means of a control unit (see Fig. 4 item 95), and in that a clock generator (see item 70 of Fig. 2) is provided which controls the control unit (see item 95 of Fig. 4) and/or the video signal-processing unit (see Fig. 2) in such a way that, when processing an interlaced video signal or a pseudo-interlaced video signal, possibly new control data are generated and/or taken into account as from the start of its next field or its next frame, respectively.

Claim 2 - Bhatt discloses: an arrangement as claimed in claim 1, characterized in that a buffer memory (see Fig. 4 items 82, 84, 86) is provided for the control data, from which buffer memory the video signal-processing unit directly takes over and employs the control data and which is controlled by the clock generator in such a way that it takes over new control data when processing an interlaced video signal or a pseudo-interlaced video signal at the start of its next field or its next frame, respectively.

Claim 3 - Bhatt discloses: an arrangement as claimed in claim 1, characterized in that the clock generator (item 70 of Fig. 2) controls the control unit (item 95 of Fig. 4) in such a way that it supplies new control data to the video signal-processing unit when processing an interlaced video signal or a pseudo- interlaced video signal at the start of its next field or its next frame, respectively.

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Claim 4 - Bhatt discloses: an arrangement as claimed in claim 1, characterized in that the clock generator (item 70 of Fig. 2) is controlled by means of a genlock signal which comprises information about the synchronization signals of the video signal to be processed.

Claim 5 is disclosed, see col. 5 lines 6-10 where at least two video signals are mixed.

Claim 6 is disclosed, see Fig. 2 items 50, 60 where two video signal-processing units are provided as claimed.

Claim 7 is disclosed, see Fig. 2 item P-I CONVERSION PATH where conversion means are provided to convert non-interlaced video signals into pseudo-interlaced video signals as claimed.

Claim 8 is disclosed, see Fig. 2 item I-P CONVERSION PATH where reconversion means are provided which convert pseudo-interlaced signals into non-interlaced video signals as claimed.

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Jean W. Désir** whose telephone number is **(703) 308-9571**.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Reinhard J. Eisenzopf**, can be reached at **(703) 305-4711**.

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6. Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231


or faxed to:

(703) 872-9314 (for Technology Center 2600 only)

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA, Sixth Floor (Receptionist).

7. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

JWD
Oct. 10, 01


REINHARD J. EISENZOPF 10-18-01
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600